

Notice: This final report is authorized by ss. 281.65 and 281.66, Wis. Stats., and chs. NR 153 and NR 155, Wis. Adm. Code. Personally identifiable information collected will be used for program administration and may be made available to requesters as required under Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

**Instructions:** The grant agreement requires grantees to submit a Final Report 60 days after the end date listed in the grant agreement. This Final Report form must be used in conjunction with the "FINAL REPORT INSTRUCTIONS." The instructions detail how to complete and submit the report to DNR.

1. Grant Type

- ☐ Agricultural - Targeted Runoff Management Grant
- ☐ Urban - Targeted Runoff Management Grant
- ☐ Construction - Urban Nonpoint Source & Storm Water Management Grant
- ☒ Planning - Urban Nonpoint Source & Storm Water Management Grant

2. Grantee & Project Information

Project Name <b>Village of Hartland - Stormwater Management Plan</b>	Grant Number <b>USP-LR13-68136-04</b>
Governmental Unit Name <b>Hartland</b>	Governmental Unit Type (city, village, town, etc.) <b>Village</b>
Watershed Name <b>Bark River, Upper Fox River</b>	Watershed Code <b>LR13, FX07-020</b>
DNR Water Management Unit (River System) Name <b>Lower Rock</b>	Water Body Identification Code (WBIC) (if applicable)

s. 303(d) Waterbody? ☒ Yes ☐ No

What pollutant(s) were addressed by the project?

**TSS**

For each project site location provide the following: (attach additional sheets if necessary)

Location:		A	B	C	D	E
Minor Civil Division Name		<b>Village of Hartland</b>	<b>Village of Hartland</b>			
PLSS	Town	<b>7N</b>	<b>8N</b>			
	Range	<b>18E</b>	<b>18E</b>			
	Section	<b>34 -36</b>	<b>2-3</b>			
	Quarter					
	Quarter-Quarter					
Latitude						
Longitude						
Property Owner(s)	Name	<b>NA - Planning Project</b>				
	Mailing address					
Site address (if different than mailing address)						

### 3. Summary of Results

#### A. Performance Standards and Prohibitions and Other Water Resources Management Priorities

For grants issued in calendar year 2006 or later, complete Tables A and B (following) consistent with the entries on your grant application.  
For grants issued prior to calendar year 2006, complete Tables A and B, *to the best of your knowledge*, consistent with the entries on your grant application.

**Table A. Performance Standards and Prohibitions (per ch. NR 151, Wis. Adm. Code, effective October 1, 2002)**

Performance Standard or Prohibition	Units of Measure	Quantity	Measurement Method Used
Sheet, rill and wind erosion	Acres meeting T		
Manure Storage Facilities: New Construction/Alterations	Number of facilities		
	Number of animal units		
Manure Storage Facilities: Closure	Number of facilities		
Manure Storage Facilities: Failing/Leaking Facilities	Number of facilities		
	Number of animal units		
Clean Water Diversions in WQMA	Pollutant load reduction		
	Number of farms with diversions		
	Number animal units		
Nutrient Management on Agricultural Land	Acres planned		
Prohibition: Manure Storage Overflow	Number of facilities		
	Number of animal units		
Prohibition: Unconfined Manure Pile in WQMA	Number of farms		
Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction		
	Number of facilities		
	Number of animal units		
Prohibition: Unlimited Livestock Access	Feet of bank protected		
	Number of farms		
Urban: 20-40% Reduction in Total Suspended Solids (TSS)	Pounds TSS reduced	<b>112</b>	<b>SLAMM</b>
	% TSS reduction	<b>44</b>	<b>SLAMM</b>

**Table B. Other Water Resources Management Priorities**

I. Agricultural Areas	Units of Measure	Quantity	Measurement Method Used
Buffers	Feet of bank protected		
	Number of farms		
Streambank	Tons of bank erosion reduced		
	Feet of bank protected		
Other (specify)			
II. Developed Urban Areas	Units of Measure	Quantity	Measurement Method Used
Urban: 20-40% Reduction in TSS	Pounds TSS reduced	<b>112</b>	<b>SLAMM</b>
	% TSS reduction	<b>44</b>	<b>SLAMM</b>
Infiltration	% Pre-development stay-on volume		
	Cubic feet stay-on volume		
Peak flow discharge	Change in cubic feet per second		
Protective areas	Feet of bank protected		
Fueling & maintenance areas	Oily sheen presence		
Streambank	Tons of bank erosion reduced		
	Feet of bank protected		
Other (specify)			
III. Planning	Units of Measure	Quantity	Measurement Method Used
Quantify how implementation of the planning project decreased storm water impacts on state waters (i.e., storm water plan, I & E plan, etc.)	Municipalities planned for	<b>1</b>	<b>Count</b>
	Acres planned for		
Document/track progress made in implementing the planning product (i.e., ordinance, utility district evaluation/formation, storm water management plan information & education, etc.)	Municipalities planned for	<b>1</b>	<b>Count</b>
	Acres planned for		
Other (specify)			

**B. Project Results Narrative**

The project targeted reduction of TSS from urban sources, primarily to the Bark River. Planning activities completed included identification of objectives, evaluation of existing programs/practices, drainage basin/system mapping, estimates of current TSS loading and reductions from municipal source areas, recommendation of BMP's to reduce TSS, and development of stormwater management, erosion control, and illicit discharge ordinances. The project included SLAMM modeling to estimate No Controls, Current Conditions and Future TSS reductions under various alternative scenarios. No monitoring was included in the project. A public meeting was conducted in December, 2004 to present and discuss the draft stormwater management plan. The grant application specified implementation of a Pollution Prevention I/E program, nutrient management program and permit tracking program. In conformance with these requirements, plans for I/E and permit tracking activities were included in the final report, including standard permit tracking forms. The Village currently does not use nutrients on municipally owned properties, so this requirement has also been satisfied.

**4. Satisfaction of Notice Requirements (if applicable)**

If cost sharing for this project was offered under a formal notice to achieve compliance with performance standards or prohibitions, provide information for each notice in the table below.

Notice Information				Notice Satisfaction Information		
Notice Type	Issue Date	From (Name)	To (Name)	Satisfied?		Date Letter Sent
				Yes	No	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	

**5. Summary of Project Challenges**

The primary challenge in this project was identifying baseline assumptions for SLAMM modeling for consistency with NR 151 requirements. For example, what conditions are acceptable for the "No Controls" option. This was resolved through meetings with DNR staff for guidance.

**6. Additional Information about the Project (optional)**

**7. Planning Product (UNPS&SW - Planning Projects only)**

☒ Check here if a printed copy of the planning product (e.g., plans, ordinances, analyses) was sent to your DNR Regional Nonpoint Source Coordinator.

Name of Document <b>Village of Hartland Stormwater Management Plan/Ordinances</b>	Date(s) effective <b>July, 2005</b>	Date Submitted to NPS Coordinator <b>August, 2005 (via Pete Wood)</b>
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**8. Grantee Certification:**

☒ Check here to certify that, to the best of your knowledge, the information contained in this report is correct and true.

Type or print Name and Title of Authorized Representative certifying here.

**JAMES WILSON DIRECTOR OF PUBLIC WORKS**

Signature of Authorized Representative

*James Wilson*

Date

**1/12/06**